

PUSHPIT

Software Developer

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Portfolio

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, JavaScript, Node JS, Express JS, EJS, .NET Framework, C#, MVC, Entity Framework, Flask, C++
- **Data Science Toolkit:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Dash, EDA, Model Building and Deployment
- **ML & AI:** Linear Regression, Logistic Regression, Random Forest, XgBoost, KNN, SVM, Supervised/Unsupervised ML
- **Databases:** SQL Server, MySQL, PostgreSQL, SQLite
- **Web & UI:** HTML, CSS, JavaScript, Bootstrap, jQuery, REST APIs, SOAP Web-Services
- **Cloud & DevOps:** AWS Services, Azure, Cloud Computing, Git, GitHub
- **Systems & Tools:** Jupyter Notebooks, Linux OS, VS Code, Visual Studio 2022, GitHub Co-pilot, Postman, MS Office Suite

EXPERIENCE

Cognizant Technology Solutions

Gurgaon, India

Programmer Analyst – Fulfilment IT Systems

July 2023 – July 2025

- Designed Adaptive Cards and implemented a .NET Core Web-API to render skill details of associates on MS Teams, boosting UX
- Created a Web page to smoothly transition associates from the legacy MyCareer application to MySkills, for skill profiling
- Redesigned MyCareer web-app for Workday integration, involving UI changes and a complete overhaul of backend via Stored Procedures
- Built a ASP.NET Web-API to provide skill details and migrated a WCF Service to APIGEE, which improved performance by 30%
- Developed a batch-processing system to extract latest employee resumes from a content management system and placed them in a SFTP
- Followed SSDLC best practices that resulted in code with minimal vulnerabilities in all sprints, reducing issues in production by 10%
- Regularly participated in Scrum activities using Azure DevOps for timely completion of development, testing or impact analysis tasks

Cognizant Technology Solutions

Gurgaon, India

Intern – Certified Skill Development Academy

Mar 2023 – July 2023

- Learnt software engineering basics and SDLC methods including Agile Methodology, Waterfall, Iterative and Incremental models
- Implemented version control using Git and performed operations like add, push, pull, clone, merge, branch, rebase
- Used frontend technologies like HTML, CSS, JavaScript, jQuery, Bootstrap to develop responsive web applications
- Programming using C# to read, write, execute and debug programs using OOP techniques like Inheritance and Polymorphism
- Worked with data access technologies like ADO.NET, Entity Framework to create data-oriented apps using code-first workflows
- Queried data using LINQ query syntax and extension methods in ASP.NET web applications using MVC architecture

Brainnest

Gurgaon, India

Trainee – Python Developer

Feb 2023 – Mar 2023

- Learnt Python basics such as datatypes and built-in data structures like lists, tuple, dictionaries and implemented them in programs
- Developed Python projects such as Hangman, Weather App using Python's GUI Tkinter library and OpenWeatherMap API
- Gained knowledge on concepts such as decorators, generators, classes, regex, lambda functions and worked with text & csv files
- Implemented unit testing using Python's unittest module for various test cases

AWS re/Start - iPrimed

Gurgaon, India

Trainee – AWS Certified Cloud Practitioner

Sep 2021 – Dec 2021

- Designed secure, high-performing, cost-effective, highly available and scalable systems by using AWS services according to best practices defined in AWS well-architected framework and Cloud Adoption framework
- Learnt various AWS services including but not limited to EC2, VPC, IAM, CloudTrail, Trusted Advisor, CloudFormation and more
- Gained exposure to data mining and explored different AWS database services like RDS and Dynamo DB. Learnt Python basics and applied it with server less services like AWS Lambda
- Gained knowledge on different areas like deployment automation using Cloud Formation, Monitoring & Logging using CloudWatch, CloudTrail, DevOps process like CI/CD, Configuration Management tools like GIT
- Worked in multiple ways to interact with AWS Services like CLI and Management Console

EDUCATION

• B. Tech in Civil Engineering , Manipal Institute of Technology (MAHE), Manipal-Karnataka, 2017 – 2021	8.47 CGPA
• Highschool (12th Board CBSE) , Army Public School No.2, Roorkee-Uttarakhand, 2016 – 2017	84.8%

PROJECTS

<u>The Cocktail Lounge</u>, Node-Express JS Web-Application	Apr 2025
<ul style="list-style-type: none">• Created an end-to-end responsive Node-Express JS web-app utilizing EJS templates for cocktail enthusiasts and deployed on Render• Utilized TheCocktailDB API via Axios to fetch and parse the required data including images, ingredients, recipe before displaying them• Implemented a robust caching mechanism for refreshing the data every hour and avoiding unnecessary traffic to the source	

<u>PK Reflections</u>, Node-Express JS Web-Application	Dec 2024
<ul style="list-style-type: none">• Built my own personal blog site using Node-Express JS incorporating EJS templates to share my thoughts and ideas• Responsive web-app with a rich variety of text editing options through the use of TinyMCE editor• Implemented functionality to create, view, modify or delete posts and receive emails from readers via the contact form	

<u>To-do List Web-Application</u>, ASP.NET MVC Application	Jun 2023
<ul style="list-style-type: none">• Developed an end-to-end MVC web-app to help users organize and prioritize their work to maximize productivity• Used Entity Framework to perform code-based migrations and store user data in SQL Server. 1 admin exists to monitor users• Users can perform basic CRUD operations, track their task completion, add images as tasks and schedule tasks	

<u>Flight Fare Prediction</u>, Machine Learning, Regression	Jun 2021
<ul style="list-style-type: none">• Developed an end-to-end ML web-app to predict flight fare using python and flask framework• Dataset collected from Kaggle. Cleaned, processed, analysed and visualised the data using Pandas, NumPy and Matplotlib• Applied Random Forest algorithm to get the best result having MAE of 1229.71. Deployed the model on Heroku platform	

<u>Bank Note Authentication</u>, Machine Learning, Classification	Jun 2021
<ul style="list-style-type: none">• Developed an end-to-end ML web-app to classify bank notes as real or fake using flask and flasgger• Dataset collected from Kaggle. Cleaned, processed, analysed and visualised the data using Pandas, NumPy and Seaborn• Applied SVM algorithm to get the best result having accuracy of 99.75%. Containerized the app using Docker and deployed on Heroku	

CERTIFICATIONS

• IBM Data Science Professional Certificate , Coursera, Online Certification	Sep 2025
• Azure Fundamentals , Microsoft, Online Certification	Sep 2023
• AWS Cloud Practitioner , AWS, Online Certification	Dec 2021
• Python for Everybody , Coursera, Online Certification	Mar 2021

INTERPERSONAL SKILLS & INTERESTS

- **Communication Skills**
- **Teamwork and Collaboration**
- **Decision Making**
- **Gaming**
- **Football**